## BSI-Inspectorate America 178 Mortland Road Searsport, Maine 04974 (207)548-6440



## **QUALITY CERTIFICATE**

Vessel

SHORE TANK NO. 1

Customer SPRAGUE

Operation ANALYSIS

Port Date SEARSPORT, MAINE

December 14, 2004

Terminal SPRAGUE

Report SP/04/1217

Reference

Sample # 326334

Name of material being tested Description of sample source Samples Drawn by (company) Samples Tested by (company)

## **NO. 6 FUEL OIL 0.5%**

EX. SHORE TANK NO. 1 AFTER DISCHARGE OF B NO. 95
BSI-INSPECTORATE
BSI-INSPECTORATE

Tests being Performed	Test method	Minimum Maximum	Sample Source
GRAVITY, API @ 60 F FLASH POINT, F VISCOSITY, SSF @ 122 F POUR POINT, F	ASTM D 4052 ASTM D 93 ASTM D 445/2161 ASTM D 97		15.5 176 142.2 +26.6 0.3
WATER & SEDIMENT, % VOL. SULPHUR, % WT. H, % WT. TVANADIUM, PPM	ASTM D 1796 ASTM D 4294 ASTM D 482 AA/AE		0.474 0.056 7
SODIUM, PPM BTU'S/POUND BTU'S/GALLON NITROGEN, % WT.	AA/AE CALCULATION CONVERSION ASTM D 3228		13 18,680 149,739 0.293
CARBON RESIDUE, % WT. ASPHALTENES, % WT.	ASTM D 4530 IP-143		9.59 2.43
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**DENNIS E. CURTIS** 

Inspectorate America Corp (Searsport, Me.)